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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/986,130 Confirmation No. : 4667  
First Named Inventor : Wolfram FLECK  
Filed : November 7, 2001  
TC/A.U. : 1745  
Examiner : PARSONS, THOMAS H  
  
Docket No. : 102063.50543US  
Customer No. : 23911  
  
Title : Fuel Cell System

**SUBMISSION OF REVOCATION OF POWER OF ATTORNEY WITH NEW  
POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE  
ADDRESS**


Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is a Revocation of Power of Attorney With New Power of Attorney and Change of Correspondence Address for the instant application, along with a Statement Under 37 CFR § 3.73(b) and the necessary documentation verifying the chain of title.

Respectfully submitted,

August 10, 2006

  
\_\_\_\_\_  
Gary R. Edwards  
Registration No. 31,824

CROWELL & MORING LLP  
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Telephone No.: (202) 624-2500  
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GRE/ajf

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**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	See attached Schedule A
Filing Date	See attached Schedule A
First Named Inventor	
Art Unit	
Examiner Name	
Attorney Docket Number	See attached Schedule A

I hereby revoke all previous powers of attorney given in the above-identified application:

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

23911

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with  
Customer Number:

23911

OR

☐ Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature

Name

Bernd Straub by Power of Attorney

Date

6 July 2006

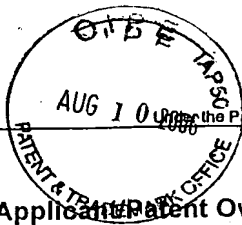
Telephone

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: See attached Schedule AApplication No./Patent No./Control No.: See attached Schedule AFiled/Issue Date: See attached Schedule AEntitled: See attached Schedule A

NuCellSys GmbH, a Corporation  
(Name of Assignee) (Type of Assignee, e.g. corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_%)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

(Please see attached Schedule A for chain of title information.)

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☒ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature 10 April 2006  
Valentin Bogert Date  
Printed or Typed Name 0049 731/505-2601  
by Power of Attorney Telephone Number  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: COMMISSIONER for PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22310-1450.

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# SCHEDULE A

APPLN./PATENT NUMBER	FILING/ISSUE DATE	ATTY. DOCKET NUMBER	TITLE	CHAIN OF TITLE INFORMATION (Reel/Frame)
5,646,852	7/8/97	102063.41739FW	Method and Device for Vehicle Fuel Cell Dynamic Power Control	<ol style="list-style-type: none"> <li>1. Inventors to DBAG (7262/0856)</li> <li>2. DBAG to DCAG (013280/0121)</li> <li>3. DCAG to BPSAG (013280/0570)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
5,432,020	7/11/95	102063.41694US	Process and Apparatus for Humidifying Process Gas for Operating Fuel Cell Systems	<ol style="list-style-type: none"> <li>1. Inventors to DBAG (7489/0241)</li> <li>2. DBAG to DCAG (013280/0121)</li> <li>3. DCAG to BPSAG (013280/0570)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
5,641,031	6/24/97	102063.42109US	Arrangement of a Drive Unit in an Electric Vehicle	<ol style="list-style-type: none"> <li>1. Inventors to DBAG (7440/0489)</li> <li>2. DBAG to DCAG (013280/0121)</li> <li>3. DCAG to BPSAG (013280/0570)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
5,662,184	9/2/97	102063.42113US	Arrangement of a Drive Unit in an Electric Vehicle	<ol style="list-style-type: none"> <li>1. Inventors to DBAG (7450/0234)</li> <li>2. DBAG to DCAG (013280/0121)</li> <li>3. DCAG to BPSAG (013280/0570)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>

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 BPSAG: Ballard Power Systems AG  
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 XAG: Xcellsis AG  
 XGMBH: Xcellsis GmbH

APPLN./PATENT NUMBER	FILING/ISSUE DATE	ATTY. DOCKET NUMBER	TITLE	CHAIN OF TITLE INFORMATION (Reel/Frame)
5,434,016	7/18/95	102063.41695US	Process and Apparatus for Supplying Air to a Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to DBAG (7084/0867 and 7482/0977)</li> <li>2. DBAG to DCAG (013280/0121)</li> <li>3. DCAG to BPSAG (013280/0570)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
5,645,950	7/8/97	102063.41695D1	Process For Supplying Air to a Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to DBAG (7084/0867 and 7482/0977 in parent (5,434,016))</li> <li>2. DBAG to DCAG (013280/0121)</li> <li>3. DCAG to BPSAG (013280/0570)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
6,208,049	3/27/01	102063.42666D1	Motor Vehicle Auxiliaries Drive Assembly	<ol style="list-style-type: none"> <li>1. Inventors to DBAG (8042/0996)</li> <li>2. DBAG to DCAG (010784/0720)</li> <li>3. DCAG to BPSAG (013280/0570)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
5,780,981	7/14/98	102063.43095US	Process for Dynamically Adjusting the Power for a Vehicle Having a Fuel Cell	<ol style="list-style-type: none"> <li>1. Inventors to DBAG (8387/0957)</li> <li>2. DBAG to DCAG (010784/0720)</li> <li>3. DCAG to BPSAG (013280/0570)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>

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APPLN./PATENT NUMBER	FILING/ISSUE DATE	ATTY. DOCKET NUMBER	TITLE	CHAIN OF TITLE INFORMATION (Reel/Frame)
5,877,600	3/2/99	102063.43096US	Process for Determining a Desired Load Value for a Load- Dependent Current Generating System in an Electric Vehicle	<ol style="list-style-type: none"> <li>1. Inventors to DBAG (8463/0156)</li> <li>2. DBAG to DCAG (010180/0312)</li> <li>3. DCAG to BPSAG (013280/0570)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
5,981,096	11/9/99	102063.43985US	Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to DBAG (9260/0399)</li> <li>2. DBAG to DCAG (010152/0152)</li> <li>3. DCAG to BPSAG (013280/0570)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
6,408,966	6/25/02	102063.44519US	Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to DBB (9594/0060)</li> <li>2. DBB to XGMBH (010968/0740)</li> <li>3. XGMBH to BPSAG (013193/0248)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
5,794,732	8/18/98	102063.41745CO	Apparatus and Method for Starting a Fuel Cell Vehicle	<ol style="list-style-type: none"> <li>1. Inventors to DBAG (7201/0770 in parent (08/272,197))</li> <li>2. DBAG to DCAG (010180/0312)</li> <li>3. DCAG to BPSAG (013280/0570)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>

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APPLN./PATENT NUMBER	FILING/ISSUE DATE	ATTY. DOCKET NUMBER	TITLE	CHAIN OF TITLE INFORMATION (Reel/Frame)
6,190,791	2/20/01	102063.44889US	Proton Exchange Membrane (PEM) Fuel Cell System and Process of Operating Same	<ol style="list-style-type: none"> <li>1. Inventors to DBB (9941/0688)</li> <li>2. DBB to XGMBH (010968/0740)</li> <li>3. XGMBH to BPSAG (013193/0248)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
6,577,026	6/10/03	102063.49233US	Circuit Arrangement for Supplying Electric Power to a Network Comprising a Fuel Cell and an Accumulator System	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (011341/0703)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
6,537,691	3/25/03	102063.49844US	Container for Receiving an Operating Means for the Operation of Fuel Cells	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (011972/0119)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
6,349,535	2/26/02	102063.48365US	Process and Apparatus for Two-Stage Supercharging of Process Air for a Fuel Cell	<ol style="list-style-type: none"> <li>1. Inventors to DCAG (010607/0153)</li> <li>2. DCAG to BPSI (013562/0051)</li> <li>3. BPSI to BPSAG (copy of assignment attached)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>

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APPLN./PATENT NUMBER	FILING/ISSUE DATE	ATTY. DOCKET NUMBER	TITLE	CHAIN OF TITLE INFORMATION (Reel/Frame)
6,662,566	12/16/03	102063.48365DV	Process and Apparatus for Two-Stage Supercharging of Process Air for a Fuel Cell	<ol style="list-style-type: none"> <li>1. Inventors to DCAG (010607/0153 in parent (6,349,535))</li> <li>2. DCAG to BPSI (013562/0051)</li> <li>3. BPSI to BPSAG (copy of assignment attached)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
6,276,473	8/21/01	102063.48592US	Hybrid Vehicle Having a an Internal- Combustion Engine, a Fuel Cell System and an Electric Drive Motor	<ol style="list-style-type: none"> <li>1. Inventors to DBB (010713/0070)</li> <li>2. DBB to XGMBH (010968/0740)</li> <li>3. XGMBH to BPSAG (013193/0248)</li> <li>4. BPSAG to FCS (copy of assignment attached)</li> <li>5. FCS to NCS (copy of assignment attached)</li> </ol>
6,521,364	2/18/03	102063.49272US	Flame Colorant Additive for Methanol for Operation of a Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (011825/0232)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
6,753,105	6/22/04	102063.50543US	Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (013071/0900)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
6,534,208	3/18/03	102063.49325US	Device for Generating Electrical Energy, Having a Fuel Cell	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (011542/0023)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>

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APPLN./PATENT NUMBER	FILING/ISSUE DATE	ATTY. DOCKET NUMBER	TITLE	CHAIN OF TITLE INFORMATION (Reel/Frame)
6,777,909	8/17/04	102063.51174US	Device for Generating Electric Energy in a Motor Vehicle by Means of a Fuel Cell and Method for Operating Such a Device	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (013528/0706)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
6,582,843	6/24/03	102063.49095US	Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (011387/0703)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
6,653,010	11/25/03	102063.49777US	Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (012157/0276)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
6,627,341	9/30/03	102063.49875US	Device for Compensating for Fluctuations in Fuel Concentration in Fuel Cell Systems	<ol style="list-style-type: none"> <li>1. XGMBH (012061/0487)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
10/203,934	11/25/02	102063.51448US	Fuel Cell and Control Unit in a Detachable Housing	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (013902/0579)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>

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APPLN./PATENT NUMBER	FILING/ISSUE DATE	ATTY. DOCKET NUMBER	TITLE	CHAIN OF TITLE INFORMATION (Reel/Frame)
10/182,282	11/26/02	102063.56880US	System For Supplying at Least Two Components of a Gas Producing System	1. Inventors to BPSAG (014318/0547) 2. BPSAG to FCS (copy of assignment attached) 3. FCS to NCS (copy of assignment attached)
6,631,736	10/14/03	102063.50219US	Device for Metering a Gaseous Medium	1. Inventors to XGMBH (012297/0926) 2. XGMBH to BPSAG (013193/0248) 3. BPSAG to FCS (copy of assignment attached) 4. FCS to NCS (copy of assignment attached)
6,723,460	4/20/04	102063.50144US	Fuel Cell System and Method for Operating the Fuel Cell System	1. Inventors to XGMBH (012271/0621) 2. XGMBH to BPSAG (013193/0248) 3. BPSAG to FCS (copy of assignment attached) 4. FCS to NCS (copy of assignment attached)
6,942,938	9/13/05	102063.56839US	System and Method for Cooling a Fuel Cell Arrangement	1. Inventors to BPSAG (012893/0125) 2. BPSAG to FCS (copy of assignment attached) 3. FCS to NCS (copy of assignment attached)
6,596,425	7/22/03	102063.49774US	Fuel Cell System	1. Inventors to XGMBH (011932/0968) 2. XGMBH to BPSAG (013193/0248) 3. BPSAG to FCS (copy of assignment attached) 4. FCS to NCS (copy of assignment attached)

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11/050,625	2/4/05	102063.49774RE	Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (011932/0968 in parent (6,596,425))</li> <li>2. XGMBH to BPSAG (013193/0248 in parent (6,596,425))</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
6,699,608	3/2/04	102063.50017US	Method and Apparatus for Humidifying a Gas Flow, and to a Method for Using Such a Device	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (012629/0435)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
6,559,551	5/6/03	102063.50421US	Starter Device for Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (012389/0742)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
6,756,143	6/29/04	102063.50539US	Fuel Cell System and Method for Starting a Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (012535/0869)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>

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APPLN./PATENT NUMBER	FILING/ISSUE DATE	ATTY. DOCKET NUMBER	TITLE	CHAIN OF TITLE INFORMATION (Reel/Frame)
6,680,592	1/20/04	102063.50773US	Method and Apparatus Producing Current Values Dependent on the Position of the Accelerator Pedal for the Purpose of Controlling the Power of One or More Drives in a Mobile Device with a Fuel ...	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (012692/0496)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
10/188,307	7/1/02	102063.56842US	Reactor for Catalytic Conversion of a Fuel	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (014214/0731)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
6,588,211	7/8/03	102063.50522US	Motor Vehicle with a Drive Combustion Engine	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (012522/0760)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
6,746,250	6/8/04	102063.56881US	Connection for a Distribution Network	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (014648/0081)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
6,861,166	3/1/05	102063.49932US	Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (012200/0937)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>

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APPLN./PATENT NUMBER	FILING/ISSUE DATE	ATTY. DOCKET NUMBER	TITLE	CHAIN OF TITLE INFORMATION (Reel/Frame)
6,830,843	12/14/04	102063.50832US	Method for Controlling the Quality of the Coolant for Fuel Cell Systems	<ol style="list-style-type: none"> <li>1. Inventors to XAG (012783/0949)</li> <li>2. XAG to BPSAG (013232/0626)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
10/973,929	10/26/04	102063.50832D1	Method for Controlling the Quality of the Coolant for Fuel Cell Systems	<ol style="list-style-type: none"> <li>1. Inventors to XAG (012783/0949 in parent (6,830,843))</li> <li>2. XAG to BPSAG (013232/0626 in parent (6,830,843))</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>
6,571,897	6/3/03	102063.50225US	Vehicle with a Fuel Cell System and Method of Operating the Same	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH &amp; BPSI (013078/0044)</li> <li>2. XGMBH to BPSAG (013958/0078)</li> <li>3. BPSAG (partial interest) to FCS (copy of assignment attached)</li> <li>4. FCS (partial interest) to NCS (copy of assignment attached)</li> </ol>
6,516,905	2/11/03	102063.50018US	Vehicle with a Fuel Cell System and Method for Operating the Same	<ol style="list-style-type: none"> <li>1. Inventors to XGMBH (012389/0829)</li> <li>2. XGMBH to BPSAG (013193/0248)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>

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6,588,522	7/8/03	102063.49987US	Vehicle with a Fuel Cell System and Method for Operating the Same	1. Inventors to XGMBH (012799/0884) 2. XGMBH to BPSAG (013193/0248) 3. BPSAG to FCS (copy of assignment attached) 4. FCS to NCS (copy of assignment attached)
6,583,519	6/24/03	102063.50847US	Apparatus for Generating and Distributing Electrical Power to Loads in a Vehicle	1. Inventors to XAG (012799/0743) 2. XAG to BPSAG (013232/0626) 3. BPSAG to FCS (copy of assignment attached) 4. FCS to NCS (copy of assignment attached)
6,953,561	10/11/05	102063.56840US	Device for the Selective Oxidation of a Substance Stream	1. Inventors to BPSAG (014346/0504) 2. BPSAG to FCS (copy of assignment attached) 3. FCS to NCS (copy of assignment attached)
10/487,579	9/21/04	102063.56868US	Reformate Stream Cooler with a Catalytic Coating for Use in a Gas Generation System	1. Inventors to BPSAG (015877/0179) 2. BPSAG to FCS (copy of assignment attached) 3. FCS to NCS (copy of assignment attached)
6,885,298	4/26/05	102063.50671US	Cell System with a Detection System for Fire or Elevated Temperatures	1. Inventors to XGMBH (013060/0302) 2. XGMBH to BPSAG (copy of name change documentation attached) 3. BPSAG to FCS (copy of assignment attached) 4. FCS to NCS (copy of assignment attached)

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10/216,102	8/8/02	102063.56884US	Device for Selective Oxidation of Constituents of a Process Stream	1. Inventors to BPSAG (014304/0741) 2. BPSAG to FCS (copy of assignment attached) 3. FCS to NCS (copy of assignment attached)
10/206,408	7/26/02	102063.56885US	Device for Producing Hydrogen-Containing Gas for a Fuel Cell System	1. Inventors to BPSAG (014131/0334) 2. BPSAG to FCS (copy of assignment attached) 3. FCS to NCS (copy of assignment attached)
10/468,529	2/6/04	102063.56827US	Fuel Cell System Having a Pressure Swing Absorption Unit	1. 2 of 3 inventors to QuestAir Technologies Inc. (014987/0242) 2. 1 of 3 inventors to BPSAG (014987/0348) 3. BPSAG (partial interest) to BPSI (014987/0278) 4. BPSI (partial interest) to BPSAG (copy of assignment attached) 5. BPSAG (partial interest) to FCS (copy of assignment attached) 6. FCS (partial interest) to NCS (copy of assignment attached)
10/352,771	1/27/03	102063.56886US	Method and Apparatus for Supplying an Oxidant Stream to the Cathode of a Fuel Cell	1. Inventors to BPSAG (014505/0499) 2. BPSAG to FCS (copy of assignment attached) 3. FCS to NCS (copy of assignment attached)

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10/503,182	3/2/05	102063.56824US	Method of Operating a Fuel Cell with Fuel Recirculation	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG and DCAG (015719/0054)</li> <li>2. BPSAG (partial interest) to FCS (copy of assignment attached)</li> <li>3. FCS (partial interest) to NCS (copy of assignment attached)</li> </ol>
6,884,532	4/26/05	102063.51214US	Fuel Cell System and Method for Operating the Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (013196/0400)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
10/487,017	9/24/04	102063.56887US	System and Method for Starting a Catalytic Reactor	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (015875/0689)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
10/487,532	9/14/04	102063.56888US	Apparatus for Supplying an Oxygen-Containing Gas to a Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (015946/0643)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
6,926,978	8/9/05	102063.56832US	Fuel Cell Installation With a Gas Generation System and a Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (014116/0680)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
10/269,933	10/11/02	102063.56838US	Fuel Cell System with Recombiner	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (014308/0581)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>

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10/486,435	8/24/04	102063.56890US	Method and Apparatus for Regulating Electric Power Output of a Fuel Cell System	1. Inventors to BPSAG (015771/0623) 2. BPSAG to FCS (copy of assignment attached) 3. FCS to NCS (copy of assignment attached)
10/620,844	7/14/03	102063.56891US	Fuel Cell System	1. Inventors to BPSAG (014218/0440) 2. BPSAG to FCS (copy of assignment attached) 3. FCS to NCS (copy of assignment attached)
10/491,713	10/22/04	102063.56892US	Fuel Cell System with a Mass Flow Sensor	1. 1 of 2 inventors to BPSAG (016072/0329) 2. 1 of 2 inventors to Pierburg GmbH (015945/0435) 3. BPSAG (partial interest) to FCS (copy of assignment attached) 4. FCS (partial interest) to NCS (copy of assignment attached)
6,864,688	3/8/05	102063.56893US	Apparatus and Method of Monitoring Insulation of a DC Network that is Electrically Insulated with Respect to the Ground Potential of a Device	1. Inventors to BPSAG (014324/0191) 2. BPSAG to FCS (copy of assignment attached) 3. FCS to NCS (copy of assignment attached)
6,879,164	4/12/05	102063.56894US	Method and Device for Insulation Monitoring of a DC Network	1. Inventors to BPSAG (copy of assignment attached) 2. BPSAG to FCS (copy of assignment attached) 3. FCS to NCS (copy of assignment attached)

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XCMBH: Xcellsis GmbH

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10/497,373	1/14/05	102063.56905US	Method to Control an Actuator	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (016294/0992)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
10/484,459	12/23/04	102063.56825US	System and Method for Reducing Nitrogen Oxides in the Exhaust of an Internal Combustion Engine	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (016400/0959)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
10/805,166	3/19/04	102063.56906US	Fuel Cell System and Method to Operate a Fuel Cell System	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (015043/0183)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
10/323,586	12/18/02	102063.56835US	Method and Apparatus for Operating an Electrical Data Bus System	<ol style="list-style-type: none"> <li>1. Inventors to BPSAG (014260/0902)</li> <li>2. BPSAG to FCS (copy of assignment attached)</li> <li>3. FCS to NCS (copy of assignment attached)</li> </ol>
6,932,282	8/23/05	102063.50823US	Water Supply System for a Fuel Cell	<ol style="list-style-type: none"> <li>1. Inventors to XAG (012834/0254)</li> <li>2. XAG to BPSAG (013232/0626)</li> <li>3. BPSAG to FCS (copy of assignment attached)</li> <li>4. FCS to NCS (copy of assignment attached)</li> </ol>

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10/897,532	7/23/04	102063.56867US	System and Method for Controlling Cooling Fluid Temperature in a Cell Engine	<ol style="list-style-type: none"> <li>2 of 3 inventors to Modine Manufacturing Company (015623/0126)</li> <li>1 of 3 inventors to BPSI (015613/0951)</li> <li>BPSI (partial interest) to BPSAG (copy of assignment attached)</li> <li>BPSAG (partial interest) to FCS (copy of assignment attached)</li> <li>FCS (partial interest) to NCS (copy of assignment attached)</li> </ol>
10/426,942	4/29/03	102063.56836US	Power Converter Architecture and Method for Integrated Fuel Cell Based Power Supplies	<ol style="list-style-type: none"> <li>Inventors to BPSI (014433/0405)</li> <li>BPSI to BPSAG (copy of assignment attached)</li> <li>BPSAG to FCS (copy of assignment attached)</li> <li>FCS to NCS (copy of assignment attached)</li> </ol>
10/654,872	9/4/03	102063.56836C1	Power Converter Architecture and Method for Integrated Fuel Cell Based Power Supplies	<ol style="list-style-type: none"> <li>Inventors to BPSI (014290/0223)</li> <li>BPSI to BPSAG (copy of assignment attached)</li> <li>BPSAG to FCS (copy of assignment attached)</li> <li>FCS to NCS (copy of assignment attached)</li> </ol>
10/924,728	8/23/04	102063.56829US	Water Filter for an Electrochemical Fuel Cell System	<ol style="list-style-type: none"> <li>Inventors to BPSI (015462/0750)</li> <li>BPSI to BPSAG (copy of assignment attached)</li> <li>BPSAG to FCS (copy of assignment attached)</li> <li>FCS to NCS (copy of assignment attached)</li> </ol>

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**Assignment / Übertragungserklärung**

Ballard Power Systems AG  
Neue Str. 95  
73230 Kirchheim/Teck-Nabern  
Germany

hereby assigns its rights and interests to the patents  
and patent applications – including the priority  
rights thereto – listed in the attachment to

überträgt hiermit ihre Anteile an den im Anhang  
näher bezeichneten angemeldeten Schutzrechten –  
einschließlich der Prioritätsrechte – auf

Fuel Cell Systems GmbH  
Neue Str. 95  
73230 Kirchheim/Teck-Nabern  
Germany

for/für Ballard Power Systems AG

Place/Ort: Kirchheim-Teck/Nabern

Date/Datum: 29. July 2005

By/durch

Name(s) + Position(s): André Martin  
Member of the Executive Board

ppa. Klaus Graage  
Proxy

**Acceptance / Annahmeerklärung**

Fuel Cell Systems GmbH  
Neue Str. 95  
73230 Kirchheim/Teck-Nabern  
Germany

hereby accepts the assignment

nimmt die Übertragung hiermit an

for/für Fuel Cell Systems GmbH

Place/Ort: Kirchheim-Teck/Nabern

Date/Datum: 29. July 2005

By/durch

Name(s) + Position(s): Geoffrey Budd  
Member of the Executive Board

**Attachment / Anhang**

(Assignment/Übertragung: Ballard Power Systems AG to/auf Fuel Cell Systems GmbH)

	File No / Internes AZ	Ctry / Land	Appln. No. / Anmeldendr.	Grant No. / Ertellungs-nr.
1	PAT0017-01AU	AU	38804/93	671628
2	PAT0016-01AU	AU	42946/96	699082
3	PAT0017-01CA	CA	2131387	2131387
4	PAT0024-01CA	CA	2149794	2149794
5	PAT0025-01CA	CA	2197863	2197863
6	PAT0016-01CA	CA	2206588	2206588
7	27833/CA/1	CA	2320766	
8	27906/CA/1	CA	2321548	
9	PAT0083-02CA	CA	2344856	
10	P033530/CA/1	CA	2366051	
11	P033227/CA/1	CA	2372417	
12	PAT0110-02CA	CA	2392823	
13	P034662/CA/1	CA	2405253	
14	P037074/CA/2	CA	2461987	
15	PAT0367-02CA	CA	2475488	
16	PAT0017-01CH	CH	93907675,8	630528
17	P032032/DE/1	DE	10001064,4	10001064
18	P032928/DE/1	DE	10001065,2	10001065
19	P031644/DE/1	DE	10002024	10002024
20	P032324/DE/1	DE	10002025,9	10002025,9
21	P032417/DE/1	DE	10003273,7	
22	P033124/DE/1	DE	10003274,5	
23	P032322/DE/1	DE	10008823,6	
24	P033041/DE/1	DE	10009179,2	10009179
25	P032742/DE/1	DE	10010068,6	
26	P032740/DE/1	DE	10010070,8	
27	P032461/DE/1	DE	10010071,6	
28	P033240/DE/1	DE	10012224,8	
29	P033107/DE/1	DE	10013435,1	10013435
30	P033081/DE/1	DE	10013437,8	10013437
31	P033082/DE/1	DE	10013438,6	10013438
32	P032929/DE/1	DE	10013439,4	10013439

33	P032935/DE/1	DE	10013440,8	10013440
34	P032936/DE/1	DE	10013441,6	10013441
35	P033228/DE/1	DE	10013687,7	
36	P032712/DE/1	DE	10015652,5	
37	P032969/DE/1	DE	10015653,3	
38	P033090/DE/1	DE	10015654,1	
39	P032768/DE/1	DE	10016185,5	
40	P032784/DE/1	DE	10019414,1	10019414
41	P032893/DE/1	DE	10019770,1	
42	P032894/DE/1	DE	10019772,8	
43	P032371/DE/1	DE	10020087,7	
44	P033115/DE/1	DE	10024259,6	10024259
45	P034148/DE/1	DE	10024570,6	
46	P033952/DE/1	DE	10025035,1	
47	P031926/DE/1	DE	10025667,8	10025667,8
48	P033406/DE/1	DE	10028133,8	
49	P033109/DE/1	DE	10028865	10028865
50	P032825/DE/1	DE	10029641,6	
51	P033229/DE/1	DE	10031238,1	10031238
52	P033224/DE/1	DE	10032419,3	
53	P033223/DE/1	DE	10032667,6	
54	P033569/DE/1	DE	10033593,4	10033593
55	P033330/DE/1	DE	10033594,2	
56	P033721/DE/1	DE	10033596,9	10033596
57	P033172/DE/1	DE	10035763,6	
58	P033492/DE/1	DE	10036267,2	
59	P033653/DE/1	DE	10037062,4	
60	P032365/DE/1	DE	10037825	
61	P033300/DE/1	DE	10038523	10038523
62	P033238/DE/1	DE	10038525,7	10038525
63	P033327/DE/1	DE	10041384,6	
64	P033723/DE/1	DE	10045880,7	10045880
65	P033837/DE/1	DE	10046691,5	10046691,5
66	P033241/DE/1	DE	10046692,3	10046692,3
67	P033418/DE/1	DE	10047200,1	

68	P032866/DE/1	DE	10049194,4	
69	P033835/DE/1	DE	10049196	
70	P033301/DE/1	DE	10051664,5	
71	P033315/DE/1	DE	10052606,3	
72	P033328/DE/1	DE	10053597,6	
73	P033697/DE/1	DE	10054007,4	
74	P033834/DE/1	DE	10054840,7	
75	P034026/DE/1	DE	10054842,3	
76	P033274/DE/1	DE	10054846,6	
77	P033407/DE/1	DE	10055104,1	10055104
78	P031869/DE/1	DE	10055106,8	
79	P033528/DE/1	DE	10055245,5	
80	P034189/DE/1	DE	10055613,2	
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83	P034436/DE/1	DE	10059674,6	
84	P033352/DE/1	DE	10063648,9	
85	P033530/DE/1	DE	10063654,3	
86	P033230/DE/1	DE	10101828,2	
87	P034433/DE/1	DE	10102017,1	
88	P033570/DE/1	DE	10102242,5	
89	P034398/DE/1	DE	10102243,3	
90	P034254/DE/1	DE	10102247,6	10102247
91	P034435/DE/1	DE	10103403,2	10103403
92	P033757/DE/1	DE	10104607,3	
93	P033227/DE/1	DE	10107875,7	
94	P033491/DE/1	DE	10108185,5	
95	P036109/DE/1	DE	10108187,1	
96	P034623/DE/1	DE	10108468,4	
97	P033116/DE/1	DE	10108469,2	
98	P034624/DE/1	DE	10108715,2	
99	P033417/DE/1	DE	10109828,6	
100	P037680/DE/1	DE	10111198,3	
101	P034599/DE/1	DE	10111259,9	
102	P033419/DE/1	DE	10111560,1	10111560

103	P033857/DE/1	DE	10113951,9	
104	P033722/DE/1	DE	10114646,9	
105	P036062/DE/1	DE	10116263,4	
106	P035729/DE/1	DE	10123915,7	
107	P035731/DE/1	DE	10123923,8	
108	P036228/DE/1	DE	10126664,2	
109	P035920/DE/1	DE	10126665	
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111	P036876/DE/1	DE	10129096,9	
112	P035946/DE/1	DE	10129099,3	
113	P033450/DE/1	DE	10129658,4	
114	P033568/DE/1	DE	10132673,4	
115	P034540/DE/1	DE	10134647,6	
116	P036887/DE/1	DE	10135643,9	
117	P037005/DE/1	DE	10135646,3	
118	P035948/DE/1	DE	10136970	10136970
119	P036063/DE/1	DE	10137592,1	
120	P035899/DE/1	DE	10139046,7	10139046
121	P036392/DE/1	DE	10139608,2	
122	P037081/DE/1	DE	10140177,9	
123	P036667/DE/1	DE	10140602,9	
124	P037410/DE/1	DE	10140685,1	10140685
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126	P036239/DE/1	DE	10141738,1	
127	P036592/DE/1	DE	10141740,3	10141740
128	P036370/DE/1	DE	10141776,4	
129	P036386/DE/1	DE	10141903,1	
130	P036231/DE/1	DE	10141905,8	
131	P036143/DE/1	DE	10141906,6	
132	P035708/DE/1	DE	10142794,8	
133	P036251/DE/1	DE	10143156,2	
134	P036510/DE/1	DE	10145441,4	
135	P036491/DE/1	DE	10147149,1	
136	P036591/DE/1	DE	10147367,2	
137	P036599/DE/1	DE	10147680,9	



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140	P036237/DE/1	DE	10150386,5	
141	P036123/DE/1	DE	10151393,3	
142	P036738/DE/1	DE	10151519,7	
143	P036159/DE/1	DE	10151520	
144	P036067/DE/1	DE	10152182	
145	P036668/DE/1	DE	10152183,9	
146	P036631/DE/1	DE	10152186,3	10152186
147	P036552/DE/1	DE	10153179,6	
148	P035922/DE/1	DE	10154098,1	10154098
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153	P037155/DE/1	DE	10161996	
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161	P037151/DE/1	DE	10203033,2	
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172	P036393/DE/1	DE	10215263,2	

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187	P037074/DE/1	DE	10312647,3	
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189	24026/4	DE	19526886,5	19526886
190	24471/4	DE	19534433,2	19534433,2
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192	23569/4	DE	19539648	19539648
193	24176/4	DE	19540824,1	19540824
194	24370/4	DE	19541575,2	19541575
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199	25608/4	DE	19623919,2	19623919
200	24824/4	DE	19623937	19623937
201	25610/4	DE	19623998,2	19623998
202	25605/4	DE	19624435,8	19624435
203	23751/4	DE	19639150,4	19639150
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207	26440/4	DE	19707809,5	19707809

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224	27212/4	DE	19755813,5	19755813
225	26967/4	DE	19755814,3	19755814
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235	28878/4	DE	19825102,5	19825102
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237	28715/4	DE	19832625,4	19832625
238	28126/4	DE	19833644,6	19833644
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241	29361/4	DE	19847213,7	19847213
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248	29531/DE/1	DE	19903168,1	19903168
249	29102/DE/1	DE	19904398,1	
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252	29103/DE/1	DE	19907665	19909665
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254	29560/DE/1	DE	19913794,3	
255	29507/DE/1	DE	19918997,8	19918997
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257	P031882/DE/1	DE	19926608,5	19926608,5
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259	29364/DE/1	DE	19937152	
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261	P032647/DE/1	DE	19943248,1	
262	P032088/DE/1	DE	19944185,5	
263	P032459/DE/1	DE	19944187,1	
264	P031776/DE/1	DE	19944536,2	19944536
265	P032326/DE/2	DE	19947923,2	
266	29505/DE/1	DE	19948221,7	19948221
267	29360/DE/1	DE	19948222,5	19948222
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269	P032140/DE/1	DE	19951584	
270	P032309/DE/1	DE	19954306,2	19954306,2
271	P032572/DE/1	DE	19954548	
272	P030035/DE/1	DE	19956375,6	19956375
273	P032325/DE/1	DE	19956376,4	
274	P030007/DE/1	DE	19958404,4	
275	P032323/DE/1	DE	19962555,7	19962555,7
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280	PAT0566-01DE	DE	102004032230,9	
281	PAT0585-01DE	DE	102004056952,5	
282	PAT0561-01DE	DE	102004061915,8	
283	PAT0487-01DE	DE	102004063533,1	
284	28312/4	DE	19827879,9-09	19827879
285	23616/DE/2	DE	G9422387,4	9422387
286	23376/4	DE	P4318818,4	4318818
287	22744/4	DE	P4327261,4	4327261
288	23377/4	DE	P4334981,1	4334981
289	23153/4	DE	P4408962,7	4408962
290	23152/4	DE	P4423587,9	4423587
291	23615/4	DE	P4425634,5	4425634
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350	P037260/EP/1	EP	2028594,6	
351	P800847/EP/1	EP	3005348,2	
352	P036112/EP/1	EP	3702580,6	
353	P032365/EP/2	EP	4029693,1	
354	25769/B	EP	97107050,3	
355	26443/B	EP	98112818,4	
356	27113/B	EP	98118264,5	
357	28042/EP/1	EP	98121966	
358	29361/EP/1	EP	99118142,1	
359	29337/EP/1	EP	99118368,2	
360	27393/EP/1	EP	99911695,7	
361	27906/EP/1	EP	99913181,6	
362	28878/EP/1	EP	99926475,7	1091800
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365	P032256/EPDE/1	EP-DE	106520	1061321
366	P031882/EPDE/1	EP-DE	106801,4	1059115
367	P032088/EPDE/1	EP-DE	116572,9	1084747
368	29505/EPDE/1	EP-DE	117407,7	1090878
369	P031847/EPDE/1	EP-DE	117408,5	1084990
370	P031927/EPDE/1	EP-DE	122776,8	1106569
371	P032564/EPDE	EP-DE	909106,7	1153453
372	P032459/EPDE/1	EP-DE	967669,3	1216200
373	P033124/EPDE/1	EP-DE	990802,1	1256141
374	P032739/EPDE/1	EP-DE	1103389,1	1129988
375	P032740/EPDE/1	EP-DE	1104206,6	1129987
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388	23376/B4	EP-DE	59402277	629013
389	22728/B4	EP-DE	59402716	633157
390	23574/B4	EP-DE	59500278,1	677411
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392	23124/B4	EP-DE	59503581,7	687648
393	23791/B4	EP-DE	59503765,8	694729
394	23806/E04	EP-DE	59602581,5	730337
395	24176/E04	EP-DE	59602790,7	771688
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403	26257/E04	EP-DE	59800346	884271
404	27433/E04	EP-DE	59800428,9	911897
405	26518/E04	EP-DE	59800434,3	867962
406	26104/E04	EP-DE	59800649,4	887307
407	26967/DE/2	EP-DE	59800875,6	1040079
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409	27247/DE/2	EP-DE	59803235,5	1036032
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414	PAT0016-01DE	EP-DE	95941557,1	800708
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416	25586/E04	EP-DE	97116853,9	837271
417	26261/EPDE	EP-DE	98103801,1	875487



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422	27213/EPDE	BP-DE	98121342,4	924163
423	27914/EPDE/1	BP-DE	98123800,9	930123
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425	27633/EPDE/1	BP-DE	98965286,2	1047629
426	28032/EPDE/1	BP-DE	99104522	945174
427	28591/EPDE/1	BP-DE	99111458,8	974393
428	28715/EPDE/1	BP-DE	99111546	974392
429	28126/EPDE/1	BP-DE	99112311,8	976446
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437	26441/E16	ES	98110587,7	884273
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439	P032461/FR/1	FR	102797	2805805
440	P033228/FR/1	FR	103801	
441	P032768/FR/1	FR	104397	2807875
442	P032783/FR/1	FR	104399	
443	P033721/FR/1	FR	109197	109197
444	P033569/FR/1	FR	109201	109201
445	P032088/EPFR/1	FR	116572,9	1084747
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459	23573/B6	FR	95102376,1	677412
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461	23615/BPFR	FR	95109757,5	693793
462	23791/B6	FR	95109767,4	694729
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467	24370/B6	FR	96115416,8	773131
468	24176/B6	FR	96115417,6	771688
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470	23865/B6	FR	96120060,7	787679
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473	24824/B6	FR	97107049,5	813262
474	25608/B6	FR	97107259	813263
475	25605/FR	FR	97107260,8	813903
476	25612/B6	FR	97107906,6	812802
477	25604/B6	FR	97107907,4	814054
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479	25586/B6	FR	97116853,9	837271
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481	25820/B6	FR	98102188,4	862234
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484	26257/B6	FR	98109801,5	884271
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490	27277/FR/1	FR	98123344,8	926756
491	29475/EP/FR	FR	98951381,7	1019183
492	27247/FR/1	FR	98961249,4	1036032
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496	28667/EPFR	FR	99122278,7	1020400
497	27833/FR/1	FR	99904666,7	1060530
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499	29562/FR/1	FR	99931150,9	1105931
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882	PAT0585-01US	US	60/661648	
883	P033722/US/2	US	11/109786	
884	P037735/US/1	US	10/528751	
885	PAT0433-01WO	WO	CA2004/000628	
886	PAT0380-01WO	WO	CA2004/000629	
887	PAT0360-01WQ	WO	US2005/003357	
888	P800524/WO/1	WO	US2005/004516	
889	PAT0442-01WO	WO	US2005/013773	

Assignment / Übertragungserklärung

Fuel Cell Systems GmbH  
Neue Str. 95  
73230 Kirchheim/Teck-Nabern  
Germany

hereby assigns its rights and interests to the patents  
and patent applications – including the priority  
rights thereto – listed in the attachment as of  
September 1<sup>st</sup> 2005 to

überträgt hiermit ihre Anteile an den im Anhang  
näher bezeichneten angemeldeten Schutzrechten –  
einschließlich der Prioritätsrechte – mit Wirkung ab  
dem 1. September 2005 auf

NuCellSys GmbH  
Neue Str. 95  
73230 Kirchheim/Teck-Nabern  
Germany

and hereby requests the recordal of this  
assignment in the patent register

und beantragt die Umschreibung der  
Schutzrechte im Register

for/für Fuel Cell Systems GmbH

Place/Ort: Kirchheim-Teck/Nabern

Date/Datum: 31. August 2005

By/durch

Name(s) + Position(s): André Martin  
Member of the Executive Board

Acceptance / Annahmeerklärung

NuCellSys GmbH  
Neue Str. 95  
73230 Kirchheim/Teck-Nabern  
Germany

hereby accepts the assignment

nimmt die Übertragung hiermit an

for/für NuCellSys GmbH

Place/Ort: Kirchheim-Teck/Nabern

Date/Datum: 1. September 2005

By/durch

Name(s) + Position(s): Hans-Joachim Biegner  
Chief Financial Officer

Massimo Venturi  
Chief Technology Officer

**Attachment / Anhang**

(Assignment/Übertragung: Fuel Cell Systems GmbH to/auf NuCellSys GmbH)

	File No / Internes AZ	Ctry / Land	Appln. No. / Anmeldenr.	Grant No. / Ertellungsnr.
1	PAT0017-01AU	AU	38804/93	671628
2	PAT0016-01AU	AU	42946/96	699082
3	PAT0017-01CA	CA	2131387	2131387
4	PAT0024-01CA	CA	2149794	2149794
5	PAT0025-01CA	CA	2197863	2197863
6	PAT0016-01CA	CA	2206588	2206588
7	27833/CA/1	CA	2320766	
8	27906/CA/1	CA	2321548	
9	PAT0083-02CA	CA	2344856	
10	P033530/CA/1	CA	2366051	
11	P033227/CA/1	CA	2372417	
12	PAT0110-02CA	CA	2392823	
13	P034662/CA/1	CA	2405253	
14	P037074/CA/2	CA	2461987	
15	PAT0367-02CA	CA	2475488	
16	PAT0017-01CH	CH	93907675,8	630528
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86	P033230/DE/1	DE	10101828,2	
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283	PAT0487-01DE	DE	102004063533,1	
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366	P031882/EPDE/1	EP-DE	106801,4	1059115
367	P032088/EPDE/1	EP-DE	116572,9	1084747
368	29505/EPDE/1	EP-DE	117407,7	1090878
369	P031847/EPDE/1	EP-DE	117408,5	1084990
370	P031927/EPDE/1	EP-DE	122776,8	1106569
371	P032564/EPDE	EP-DE	909106,7	1153453
372	P032459/EPDE/1	EP-DE	967669,3	1216200
373	P033124/EPDE/1	EP-DE	990802,1	1256141
374	P032739/EPDE/1	EP-DE	1103389,1	1129988
375	P032740/EPDE/1	EP-DE	1104206,6	1129987
376	P033081/EPDE/1	EP-DE	1104843,6	1134534
377	P033238/EPDE/1	EP-DE	1116918,2	1179362
378	P033172/EPDE/1	EP-DE	1117427,3	1174625
379	P033239/EPDE/1	EP-DE	1119218,4	1180496
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384	P036887/EPDE/1	EP-DE	2764737,9	1409859
385	P036702/EPDE/1	EP-DE	2800589	1432655
386	22797/E4	EP-DE	59401024,1	633158
387	22744/E4	EP-DE	59401033	638712
388	23376/E4	EP-DE	59402277	629013
389	22728/E4	EP-DE	59402716	633157
390	23574/E4	EP-DE	59500278,1	677411
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392	23124/E4	EP-DE	59503581,7	687648
393	23791/E4	EP-DE	59503765,8	694729
394	23806/E04	EP-DE	59602581,5	730337
395	24176/E04	EP-DE	59602790,7	771688
396	25269/E04	EP-DE	59605622,2	790657
397	P111700/DE/3	EP-DE	59606561,2	721795
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406	26104/E04	EP-DE	59800649,4	887307
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410	28878/DE/2	EP-DE	59901268,4	1091800
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415	25605/DE	EP-DE	97107260,8	813903
416	25586/E04	EP-DE	97116853,9	837271
417	26261/EPDE	EP-DE	98103801,1	875487

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422	27213/BPDE	BP-DE	98121342,4	924163
423	27914/BPDE/1	BP-DE	98123800,9	930123
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425	27633/BPDE/1	BP-DE	98965286,2	1047629
426	28032/BPDE/1	BP-DE	99104522	945174
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428	28715/BPDE/1	BP-DE	99111546	974392
429	28126/BPDE/1	BP-DE	99112311,8	976446
430	28644/DE/2	BP-DE	99118369	994068
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433	PAT0083-02BPDE	BP-DE	99944187,6	1116296
434	28592/BPDE/1	BP-DE	99948763	1133808
435	P032843/BPDE/1	BP-DE	99953788,9	1121259
436	P036702/BPES/1	ES	2800589	1432655
437	26441/E16	ES	98110587,7	884273
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455	22797/B6	FR	94109549,9	633158
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462	23791/B6	FR	95109767,4	694729
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469	24175/B6	FR	96117269,9	776861
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648	29562/JP/1	JP	2000-560627	3667231
649	28592/JP/1	JP	2000-577728	3640887
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675	27212/1	US	212290	6294149
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